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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003-1627A

First Named Inventor : Akihiko NISHIKI et al.

Title: OPTICAL SIGNAL CONVERTER, OPTICAL ENCODER, OPTICAL DECODER, AND OPTICAL CODE DIVISION MULTIPLEXING COMMUNICATION APPARATUS

Express Mail Label No.:

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Commissioner for Patents  
ADDRESS TO: P.O. Box 1450  
Alexandria, VA 22313-1450

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2.  Small Entity Status is hereby asserted.

3.  Specification

[Total Pages: 48]

(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Sequence Listing, a table, or a computer program listing appendix.
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113)

[Total Sheets: 23]

5.  Oath or Declaration

[Total Pages: 3]

a.1.  Newly executed (original or copy)

a.2.  Unexecuted

b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

**i. DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet (see 37 CFR 1.76)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.

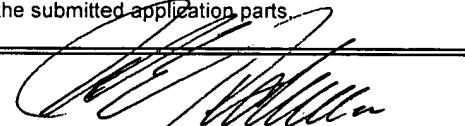
Prior Application Information: Examiner      Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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By:   
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November 20, 2003

THE COMMISSIONER IS AUTHORIZED  
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31281 U.S.PTO  
10/716709

11/2003



12281  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Akihiko NISHIKI et al.

Serial No. NEW

: Attn: APPLICATION BRANCH

Filed November 20, 2003

: Attorney Docket No. 2003-1627A

OPTICAL SIGNAL CONVERTER, OPTICAL  
ENCODER, OPTICAL DECODER, AND  
OPTICAL CODE DIVISION MULTIPLEXING  
COMMUNICATION APPARATUS

**PATENT OFFICE FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1,618.00

Attached hereto is a check in the amount of \$1,188.00 to cover Patent Office fees relating to filing the following attached papers:

New application ..... \$770.00

Assignment for Recordal ..... \$40.00

Additional Claims Fee:

Excess of Twenty ..... \$378.00

Independent ..... \$430.00

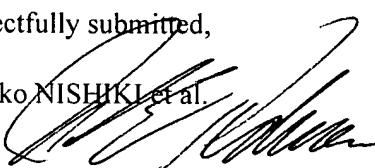
A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Akihiko NISHIKI et al.

By

  
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November 20, 2003

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